

DETAILED ACTION

1. Applicant's amendment and remarks, filed 9/22/10, are acknowledged.
Claims 29, 31-33, 35-38, 51, and 53 have been amended.
Claims 29, 31-33, 35-37, 46, 49, 51, and 53-54 are pending.
2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
3. Authorization for this examiner's amendment was given in a telephone interview with Kurt Briscoe on 10/7/10.

IN THE CLAIMS:

4. In claim 29, line 10, "tyrosine." has been replaced with "tyrosine; wherein said third cysteine residue corresponds to residue 100 of SEQ ID NO: 2 or residue 85 of SEQ ID NO: 8, and wherein said fifth cysteine residue corresponds to residue 129 of SEQ ID NO: 2 or residue 114 of SEQ ID NO: 8."
5. In claim 32, line 10, "tyrosine." has been replaced with "tyrosine; wherein said third cysteine residue corresponds to residue 100 of SEQ ID NO: 2 or residue 85 of SEQ ID NO: 8, and wherein said fifth cysteine residue corresponds to residue 129 of SEQ ID NO: 2 or residue 114 of SEQ ID NO: 8."
6. Claims 49 and 51 are cancelled.

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7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Amy Juedes whose telephone number is 571-272-4471. The examiner can normally be reached on 8am - 4:30pm, Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ram Shukla can be reached on 571-272-0735. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Amy E. Juedes

Patent Examiner

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/Amy E. Juedes/

Primary Examiner, Art Unit 1644